

ENTERED



PCT09

## RAW SEQUENCE LISTING

DATE: 07/03/2002

PATENT APPLICATION: US/09/914,815A

TIME: 12:06:46

Input Set : A:\pf0673usn.txt

Output Set: N:\CRF3\07032002\I914815A.raw

3 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.  
 4 LAL, Preeti  
 5 YUE, Henry  
 6 HILLMAN, Jennifer L.  
 7 LU, Dyung Aina M.  
 8 BAUGHN, Mariah R.  
 9 TANG, Y. Tom  
 10 AZIMZAI, Yalda  
 12 <120> TITLE OF INVENTION: LEUKOCYTE- AND BLOOD-ASSOCIATED PROTEINS  
 14 <130> FILE REFERENCE: PF-0673 PCT  
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/914,815A  
 C--> 17 <141> CURRENT FILING DATE: 2002-03-29  
 19 <150> PRIOR APPLICATION NUMBER: 60/122,080  
 20 <151> PRIOR FILING DATE: 1999-03-01  
 22 <160> NUMBER OF SEQ ID NOS: 10  
 24 <170> SOFTWARE: PERL Program  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 256  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Homo sapiens  
 31 <220> FEATURE:  
 32 <221> NAME/KEY: misc\_feature  
 33 <223> OTHER INFORMATION: Incyte ID No: 1450888CD1  
 35 <400> SEQUENCE: 1  
 36 Met Glu Ile Pro Met Gly Thr Gln Gly Cys Phe Ser Lys Ser Leu  
 37 1 5 10 15  
 38 Leu Leu Ser Ala Ser Ile Leu Val Leu Trp Met Leu Gln Gly Ser  
 39 20 25 30  
 40 Gln Ala Ala Leu Tyr Ile Gln Lys Ile Pro Glu Gln Pro Gln Lys  
 41 35 40 45  
 42 Asn Gln Asp Leu Leu Ser Val Gln Gly Val Pro Asp Thr Phe  
 43 50 55 60  
 44 Gln Asp Phe Asn Trp Tyr Leu Gly Glu Thr Tyr Gly Gly Thr  
 45 65 70 75  
 46 Arg Leu Phe Thr Tyr Ile Pro Gly Ile Gln Arg Pro Gln Arg Asp  
 47 80 85 90  
 48 Gly Ser Ala Met Gly Gln Arg Asp Ile Val Gly Phe Pro Asn Gly  
 49 95 100 105  
 50 Ser Met Leu Leu Arg Arg Ala Gln Pro Thr Asp Ser Gly Thr Tyr  
 51 110 115 120  
 52 Gln Val Ala Ile Thr Ile Asn Ser Glu Trp Thr Met Lys Ala Lys  
 53 125 130 135  
 54 Thr Glu Val Gln Val Ala Glu Lys Asn Lys Glu Leu Pro Ser Thr

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55      140      145      150
56 His Leu Pro Thr Asn Ala Gly Ile Leu Ala Ala Thr Ile Ile Gly
57      155      160      165
58 Ser Leu Ala Ala Gly Ala Leu Leu Ile Ser Cys Ile Ala Tyr Leu
59      170      175      180
60 Leu Val Thr Arg Asn Trp Arg Gly Gln Ser His Arg Met Ala Thr
61      185      190      195
62 Thr Glu Lys Pro Glu Leu Gly Pro Ala His Asp Ala Gly Asp Asn
63      200      205      210
64 Asn Ile Tyr Glu Val Met Pro Ser Pro Val Leu Leu Val Ser Pro
65      215      220      225
66 Ile Ser Asp Thr Arg Ser Ile Asn Pro Ala Arg Pro Leu Pro Thr
67      230      235      240
68 Pro Pro His Leu Gln Ala Glu Gln Arg Thr Thr Ser Thr Arg Thr
69      245      250      255
70 Cys
73 <210> SEQ ID NO: 2
74 <211> LENGTH: 387
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <220> FEATURE:
79 <221> NAME/KEY: misc_feature
80 <223> OTHER INFORMATION: Incyte ID No: 1929823CD1
82 <400> SEQUENCE: 2
83 Met Val Ala Trp Val Val Ser Thr Gly Val Ala Ile Ala Cys Cys
84 1      5      10      15
85 Ala Ala Val Tyr Tyr Leu Ala Glu Tyr Asn Leu Glu Phe Leu Lys
86      20      25      30
87 Thr His Ser Asn Pro Gly Ala Val Leu Leu Leu Pro Phe Val Val
88      35      40      45
89 Ser Cys Ile Asn Leu Ala Val Pro Cys Ile Tyr Ser Met Phe Arg
90      50      55      60
91 Leu Val Glu Arg Tyr Glu Met Pro Arg His Glu Val Tyr Val Leu
92      65      70      75
93 Leu Ile Arg Asn Ile Phe Leu Lys Ile Ser Ile Ile Gly Ile Leu
94      80      85      90
95 Cys Tyr Tyr Trp Leu Asn Thr Val Ala Leu Ser Gly Glu Glu Cys
96      95      100     105
97 Trp Glu Thr Leu Ile Gly Gln Asp Ile Tyr Arg Leu Leu Leu Met
98      110     115     120
99 Asp Phe Val Phe Ser Leu Val Asn Ser Phe Leu Gly Glu Phe Leu
100     125     130     135
101 Arg Arg Ile Ile Gly Met Gln Leu Ile Thr Ser Leu Gly Leu Gln
102     140     145     150
103 Glu Phe Asp Ile Ala Arg Asn Val Leu Glu Leu Ile Tyr Ala Gln
104     155     160     165
105 Thr Leu Val Trp Ile Gly Ile Phe Phe Cys Pro Leu Leu Pro Phe
106     170     175     180
107 Ile Gln Met Ile Met Leu Phe Ile Met Phe Tyr Ser Lys Asn Ile

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108		185		190		195
109	Ser Leu Met Met	Asn Phe Gln Pro Pro	Ser Lys Ala Trp Arg	Ala		
110		200		205		210
111	Ser Gln Met Met	Thr Phe Phe Ile Phe	Leu Leu Phe Phe Pro	Ser		
112		215		220		225
113	Phe Thr Gly Val	Leu Cys Thr Leu Ala	Ile Thr Ile Trp Arg	Leu		
114		230		235		240
115	Lys Pro Ser Ala	Asp Cys Gly Pro Phe	Arg Gly Leu Pro Leu	Phe		
116		245		250		255
117	Ile His Ser Ile	Tyr Ser Trp Ile Asp	Thr Leu Ser Thr Arg	Pro		
118		260		265		270
119	Gly Tyr Leu Trp	Val Val Trp Ile Tyr	Arg Asn Leu Ile Gly	Ser		
120		275		280		285
121	Val His Phe Phe	Phe Ile Leu Thr Leu	Ile Val Leu Ile Ile	Thr		
122		290		295		300
123	Tyr Leu Tyr Trp	Gln Ile Thr Glu Gly	Arg Lys Ile Met Ile	Arg		
124		305		310		315
125	Leu Leu His Glu	Gln Ile Ile Asn Glu	Gly Lys Asp Lys Met	Phe		
126		320		325		330
127	Leu Ile Glu Lys	Leu Ile Lys Leu Gln	Asp Met Glu Lys Lys	Ala		
128		335		340		345
129	Asn Pro Ser Ser	Leu Val Leu Glu Arg	Arg Glu Val Glu Gln	Gln		
130		350		355		360
131	Gly Phe Leu His	Leu Gly Glu His Asp	Gly Ser Leu Asp Leu	Arg		
132		365		370		375
133	Ser Arg Arg Ser	Val Gln Glu Gly Asn	Pro Arg Ala			
134		380		385		
137	<210> SEQ ID NO: 3					
138	<211> LENGTH: 146					
139	<212> TYPE: PRT					
140	<213> ORGANISM: Homo sapiens					
142	<220> FEATURE:					
143	<221> NAME/KEY: misc_feature					
144	<223> OTHER INFORMATION: Incyte ID No: 2050566CD1					
146	<400> SEQUENCE: 3					
147	Met Arg Lys Leu	Ile Val Arg Phe Ile	Phe Leu Lys Phe Trp	Thr		
148	1	5	10	15		
149	Tyr Thr Val Arg	Ala Ser Thr Asn Leu	Thr Gln Asn Gly Asp	Cys		
150		20	25	30		
151	Ser Gln Cys Ile	Tyr Gln Val Thr Glu	Val Gly Gln Gln Ile	Lys		
152		35	40	45		
153	Thr Ile Phe Leu	Phe Tyr Ser Tyr Tyr	Glu Cys Met Glu Thr	Leu		
154		50	55	60		
155	Lys Glu Thr Cys	Leu Tyr Asn Ala Thr	Gln Tyr Lys Val Cys	Ser		
156		65	70	75		
157	Pro Arg Asn Asp	Arg Pro Asp Ala Cys	Tyr Asn Pro Ser Glu	Pro		
158		80	85	90		
159	Ala Ala Thr Thr	Val Phe Glu Ile Arg	Thr Gly Leu Leu Leu	Gly		
160		95	100	105		

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161 Asp Thr Ser Lys Ile Ile Thr Arg Thr Glu Glu Lys Glu Ile Pro
162                               110                115                120
163 Lys Gln Ile Thr Leu Arg Phe Asp Ala Cys Ala Ala Ile Asn Ser
164                               125                130                135
165 Lys Lys Leu Glu Ile Gly Cys Gly Ser Leu Asn
166                               140                145
169 <210> SEQ ID NO: 4
170 <211> LENGTH: 440
171 <212> TYPE: PRT
172 <213> ORGANISM: Homo sapiens
174 <220> FEATURE:
175 <221> NAME/KEY: misc_feature
176 <223> OTHER INFORMATION: Incyte ID No: 2479425CD1
178 <400> SEQUENCE: 4
179 Met Thr Val His Glu Gly Gln Glu Leu Ala Leu Gly Cys Leu Ala
180   1                5                10                15
181 Arg Thr Ser Thr Gln Lys His Thr His Leu Ala Val Ser Phe Gly
182                20                25                30
183 Arg Ser Val Pro Glu Ala Pro Val Gly Arg Ser Thr Leu Gln Glu
184                35                40                45
185 Val Val Gly Ile Arg Ser Asp Leu Ala Val Glu Ala Gly Ala Pro
186                50                55                60
187 Tyr Ala Glu Arg Leu Ala Ala Gly Glu Leu Arg Leu Gly Lys Glu
188                65                70                75
189 Gly Thr Asp Arg Tyr Arg Met Val Val Gly Gly Ala Gln Ala Gly
190                80                85                90
191 Asp Ala Gly Thr Tyr His Cys Thr Ala Ala Glu Trp Ile Gln Asp
192                95                100               105
193 Pro Asp Gly Ser Trp Ala Gln Ile Ala Glu Lys Arg Ala Val Leu
194                110               115                120
195 Ala His Val Asp Val Gln Thr Leu Ser Ser Gln Leu Ala Val Thr
196                125               130                135
197 Val Gly Pro Gly Glu Arg Arg Ile Gly Pro Gly Glu Pro Leu Glu
198                140               145                150
199 Leu Leu Cys Asn Val Ser Gly Ala Leu Pro Pro Ala Gly Arg His
200                155               160                165
201 Ala Ala Tyr Ser Val Gly Trp Glu Met Ala Pro Ala Gly Ala Pro
202                170               175                180
203 Gly Pro Gly Arg Leu Val Ala Gln Leu Asp Thr Glu Gly Val Gly
204                185               190                195
205 Ser Leu Gly Pro Gly Tyr Glu Gly Arg His Ile Ala Met Glu Lys
206                200               205                210
207 Val Ala Ser Arg Thr Tyr Arg Leu Arg Leu Glu Ala Ala Arg Pro
208                215               220                225
209 Gly Asp Ala Gly Thr Tyr Arg Cys Leu Ala Lys Ala Tyr Val Arg
210                230               235                240
211 Gly Ser Gly Thr Arg Leu Arg Glu Ala Ala Ser Ala Arg Ser Arg
212                245               250                255
213 Pro Leu Pro Val His Val Arg Glu Glu Gly Val Val Leu Glu Ala

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214		260		265		270									
215	Val	Ala	Trp	Leu	Ala	Gly	Gly	Thr	Val	Tyr	Arg	Gly	Glu	Thr	Ala
216					275					280					285
217	Ser	Leu	Leu	Cys	Asn	Ile	Ser	Val	Arg	Gly	Gly	Pro	Pro	Gly	Leu
218					290					295					300
219	Arg	Leu	Ala	Ala	Ser	Trp	Trp	Val	Glu	Arg	Pro	Glu	Asp	Gly	Glu
220					305					310					315
221	Leu	Ser	Ser	Val	Pro	Ala	Gln	Leu	Val	Gly	Gly	Val	Gly	Gln	Asp
222					320					325					330
223	Gly	Val	Ala	Glu	Leu	Gly	Val	Arg	Pro	Gly	Gly	Gly	Pro	Val	Ser
224					335					340					345
225	Val	Glu	Leu	Val	Gly	Pro	Arg	Ser	His	Arg	Leu	Arg	Leu	His	Ser
226					350					355					360
227	Leu	Gly	Pro	Glu	Asp	Glu	Gly	Val	Tyr	His	Cys	Ala	Pro	Ser	Ala
228					365					370					375
229	Trp	Val	Gln	His	Ala	Asp	Tyr	Ser	Trp	Tyr	Gln	Ala	Gly	Ser	Ala
230					380					385					390
231	Arg	Ser	Gly	Pro	Val	Thr	Val	Tyr	Pro	Tyr	Met	His	Ala	Leu	Asp
232					395					400					405
233	Thr	Leu	Phe	Val	Pro	Leu	Leu	Val	Gly	Thr	Gly	Val	Ala	Leu	Val
234					410					415					420
235	Thr	Gly	Ala	Thr	Val	Leu	Gly	Thr	Ile	Thr	Cys	Cys	Phe	Met	Lys
236					425					430					435
237	Arg	Leu	Arg	Lys	Arg										
238					440										
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242	<211> LENGTH: 132														
243	<212> TYPE: PRT														
244	<213> ORGANISM: Homo sapiens														
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247	<221> NAME/KEY: misc_feature														
248	<223> OTHER INFORMATION: Incyte ID No: 3073609CD1														
250	<400> SEQUENCE: 5														
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252	1				5					10					15
253	Ser	Lys	Ala	Gly	Ala	His	Thr	Ala	Leu	Thr	Leu	Ala	Ala	Pro	His
254					20					25					30
255	Pro	Pro	Pro	Arg	Asp	His	Leu	Ile	Trp	Ser	Val	Phe	Ser	Thr	Leu
256					35					40					45
257	Tyr	Leu	Asn	Leu	Cys	Cys	Leu	Gly	Phe	Leu	Ala	Leu	Ala	Tyr	Ser
258					50					55					60
259	Ile	Lys	Ala	Arg	Asp	Gln	Lys	Val	Val	Gly	Asp	Leu	Glu	Ala	Ala
260					65					70					75
261	Arg	Arg	Phe	Gly	Ser	Lys	Ala	Lys	Cys	Tyr	Asn	Ile	Leu	Ala	Ala
262					80					85					90
263	Met	Trp	Thr	Leu	Val	Pro	Pro	Leu	Leu	Leu	Leu	Gly	Leu	Val	Val
264					95					100					105
265	Thr	Gly	Ala	Leu	His	Leu	Ala	Arg	Leu	Ala	Lys	Asp	Ser	Ala	Ala
266					110					115					120

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/914,815A

DATE: 07/03/2002

TIME: 12:06:47

Input Set : A:\pf0673usn.txt

Output Set: N:\CRF3\07032002\I914815A.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date